

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) A method, comprising:

developing a specific voice application utilizing at least one generic software component in a development environment, wherein the specific voice application ~~configured to access~~ accesses a generic dialog asset from a remote central repository via a remote repository interface;

deploying the specific voice application in a deployment environment located on a deployment platform separate from a development platform running the development environment, wherein the specific voice application ~~is configured to access~~ accesses the generic dialog asset from the remote central repository, and wherein the deployment environment provides remote-streaming runtime access to the remote central repository; and

invoking in the deployment environment, at runtime, the generic dialog asset from the remote central repository.

2. (Original) The method recited in Claim 1, wherein the deployment environment further comprises a voice gateway.

3. (Original) The method recited in Claim 1, wherein the deployment environment further comprises an application server.

4. (Original) The method recited in Claim 1, wherein the deployment environment further comprises a dialog control component.

5. (Original) The method recited in Claim 1, wherein the deployment environment further comprises a dialog component.

6. (Original) The method recited in Claim 1, wherein the deployment environment further comprises a voice application services layer.

7. (Original) The method recited in Claim 1, wherein the deployment environment further comprises a rules integration layer.

8. (Original) The method recited in Claim 1, wherein the deployment environment further comprises a messaging layer.

9. (Original) The method recited in Claim 1, wherein the deployment environment further comprises a voice services layer.

10. (Original) The method recited in Claim 1, wherein the deployment environment further comprises a detail tracking layer.

11. (Original) The method recited in Claim 8, wherein the deployment environment further comprises an external system.

12. (Original) The method recited in Claim 2, wherein the voice gateway further comprises a voice interpreter.

13. (Original) The method recited in Claim 2, wherein the voice gateway further comprises a telephony interface.

14. (Original) The method recited in Claim 2, wherein the voice gateway further comprises a text-to-speech service.

15. (Original) The method recited in Claim 2, wherein the voice gateway further comprises an automatic speech recognition service.

16. (Original) The method recited in Claim 1, wherein:
utilizing one or more generic software components to develop a specific voice application further comprises utilizing one or more generic software components during a design phase to develop a specific voice application.

17. (Original) The method recited in Claim 16, wherein the design phase further comprises a dialog design phase.

18. (Original) The method recited in Claim 16, wherein the design phase further comprises a voice coding phase.

19. (Original) The method recited in Claim 16, wherein the design phase further comprises a rules definition phase.

20. (Original) The method recited in Claim 16, wherein the design phase further comprises a phase wherein custom prompts are generated.

21. (Original) The method recited in Claim 16, wherein the design phase further comprises a phase wherein custom grammars are developed.

22. (Original) The method recited in Claim 16, wherein the design phase further comprises a phase wherein standard prompts are utilized to generate the specific voice user interface.

23. (Original) The method recited in Claim 16, wherein the design phase further comprises a phase wherein standard grammars are used to generate the specific voice user interface.

24. (Original) The method recited in Claim 16, wherein the design phase further comprises a system test phase.

25-35. (Canceled)

36. (Previously Presented) The method recited in Claim 1, wherein invoking in the deployment environment includes streaming the generic dialog asset from the remote central repository.

37. (Currently Amended) A deployment environment for a voice application, comprising:

a remote central repository comprising a generic dialog asset, wherein a generic software component is used to develop the voice application in a development platform separate from the deployment platform, wherein the voice application ~~is configured to access~~ accesses the generic dialog asset via a remote repository interface; and

a computing device to process the voice application, the voice application stored on a ~~tangible computer-readable medium~~ memory storage device, through a method comprising:

accessing the central repository at runtime through remote-streaming; and
invoking, at runtime, the generic dialog asset from the remote central repository.

38. (Currently Amended) A development environment for a voice application located on a development platform, comprising:

a remote central repository comprising a generic dialog asset, wherein the voice application in a deployment environment located on a deployment platform separate from the development platform ~~is configured to access~~ accesses the remote central

repository at runtime through remote-streaming, and ~~is further configured to invoke~~
further invokes, at runtime, the generic dialog asset from the remote central repository;

a remote repository interface; and

a generic software component used to develop the voice application, which
accesses the generic dialog asset via the remote repository interface, the generic software
component stored on a ~~tangible computer-readable medium~~ memory storage device and
~~configured to be~~ executed by a computing device.

39. (Currently Amended) A method comprising:

deploying a voice application in a deployment environment located on a
deployment platform separate from a development platform running a development
environment, wherein the voice application ~~is configured to access~~ accesses a dialog
asset from a remote central repository, and wherein the deployment environment
provides remote-streaming runtime access to the remote central repository; and

invoking from the voice application in the deployment environment, at runtime, a
dialog asset from the remote central repository, the dialog asset having previously been
invoked by the voice application in the development environment via a remote repository
interface.

40. (Currently Amended) A system comprising:

a design methodology platform ~~configured to perform~~ performing a method
comprising:

utilizing at least one software component to develop a voice application in a development environment, wherein the voice application ~~configured to access~~ accesses a dialog asset from a remote central repository via a remote repository interface;

deploying the voice application in a deployment environment located on a deployment platform separate from a development platform running the development environment, wherein the voice application is ~~configured to access~~ accesses the dialog asset from the remote central repository, and wherein the deployment environment provides remote-streaming runtime access to the remote central repository; and

invoking in the deployment environment, at runtime, the dialog asset from the remote central repository;

a memory ~~configured to store~~ storing the design methodology platform; and

a computing device ~~configured to process~~ processing the design methodology platform.

41. (Previously Presented) The system of claim 40, further comprising at least one of:

- a voice gateway,
- an application server,
- a dialog control component,
- a dialog component,
- a voice application services layer,
- a rules integration layer,
- a messaging layer,

a voice services layer,
a detail tracking layer, or
an external system.

42. (Previously Presented) The system of claim 40, wherein the invoking in the deployment environment, at runtime, the dialog asset from the remote central repository comprises streaming the dialog asset.

43. (Currently Amended) A ~~tangible computer-readable medium~~ memory storage device having stored thereon computer-executable instructions, execution of which ~~that, if executed~~ by a computing device, cause the computing device to perform a method comprising:

developing a voice application utilizing at least one software component in a development environment, wherein the voice application ~~configured to access~~ accesses a dialog asset from a remote central repository via a remote repository interface;

deploying the voice application in a deployment environment located on a deployment platform separate from a development platform running the development environment, wherein the voice application ~~is configured to access~~ accesses the dialog asset from the remote central repository, and wherein the deployment environment provides remote-streaming runtime access to the remote central repository; and

invoking in the deployment environment, at runtime, the dialog asset from the remote central repository.

44. (Currently Amended) A system comprising:

deploying means for deploying a voice application in a deployment environment located on a deployment platform separate from a development platform running a development environment, wherein the voice application ~~is configured to access~~ accesses a dialog asset from a remote central repository, and wherein the deployment environment provides remote-streaming runtime access to the remote central repository; ~~and~~

invoking means for invoking from the voice application in the deployment environment, at runtime, a dialog asset from the remote central repository, the dialog asset having previously been invoked by the voice application in the development environment via a remote repository interface;

memory means storing the deploying means and the invoking means; and

processing means processing the deploying means and the invoking means.

45. (Previously Presented) The deployment environment of claim 37, wherein the deployment platform comprises:

a communications interface; and

at least one of:

a script server;

a voice gateway; or

an automatic speech recognition server.